

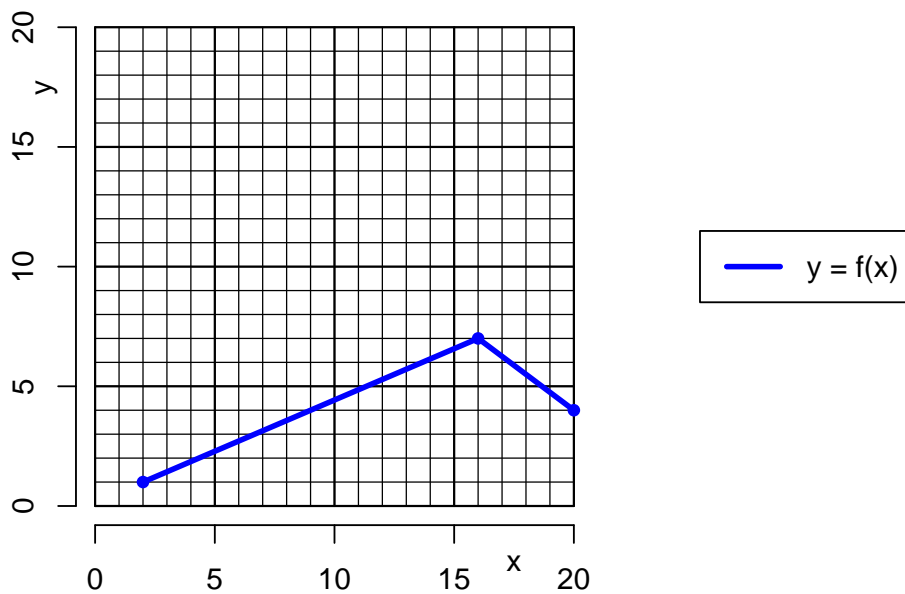
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 5)

### Question 1

Curve  $y = f(x)$  contains points  $(2, 1)$  and  $(16, 7)$  and  $(20, 4)$ , as shown on the  $x$ - $y$  plane below.

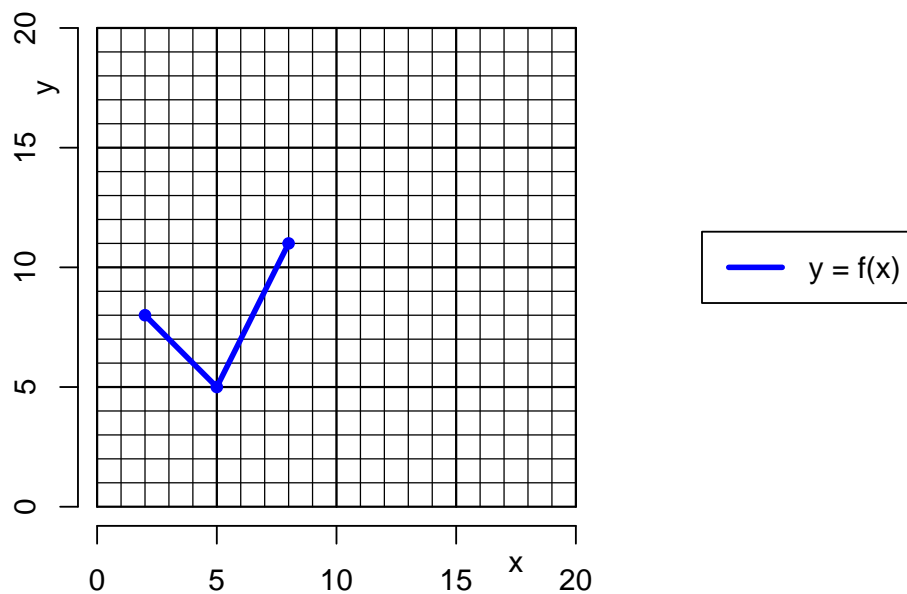


On the same plane, please draw the curve represented by the equation below:

$$y = 3(f[2x + 2] - 1)$$

## Question 2

Curve  $y = f(x)$  contains points  $(2, 8)$  and  $(5, 5)$  and  $(8, 11)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = 3 \left( f \left[ \frac{x-2}{2} \right] - 5 \right)$$